



Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1 to 6 (Canceled)

7. (Currently amended) A composition comprising a carrier group covalently coupled to one or more isolated ~~ehlamydial glycolipid exoantigen~~ oligosaccharides that are cleaved from, or are chemically synthesized to correspond to oligosaccharides cleaved from, a chlamydial glycolipid exoantigen (GLXA).

8. (Canceled)

9. (Previously presented) The composition of claim 7, wherein the carrier group is coupled to the oligosaccharide by a linker.

10. (Previously presented) The composition of claim 9, wherein the linker is 2-(4-aminophenyl)ethylamine.

11 to 17 (Canceled)

18. (Previously presented) The composition of claim 7, wherein at least one oligosaccharide binds to anti-chlamydial glycolipid exoantigen monoclonal antibody 89MS30.

19. (Previously presented) The composition of claim 7, wherein the carrier group is selected from the group consisting of bovine serum albumin (BSA); tetanus toxoid; Diphtheria CRM 197 Protein (CRM 197); ovalbumin; and an organic polymer.

20. (Previously presented) The composition of claim 7, wherein all of the oligosaccharides bind to anti-chlamydial glycolipid exoantigen monoclonal antibody 89MS30.